Fluid Phase Equilibria, 60 (1990) 335–336
Elsevier Science Publishers B.V., Amsterdam

Contents Volume 60 (1990)

Volume 60, Nos. 1–2

The BACKPF equation of state for fluids of polar and moderately flexible molecules—application to mixtures
M.A. Siddiqi and K. Lucas (Duisburg, F.R.G.) 1– 9

Monte Carlo simulation of ternary square-well fluid mixtures
H. Wang and W.-C. Wang (Beijing, China) 11– 36

Equations of state for pure and mixture square-well fluids I: Coordination number models
M.-X. Guo, W.-C. Wang and H.-Z. Lu (Beijing, China) 37– 45

A method for incorporating excess Gibbs energy models in equations of state
M.L. Michelsen (Lyngby, Denmark) 47– 58

A relationship between excess volumes and enthalpies
A.R. Hansen (Urbana, IL, U.S.A.) and C.A. Eckert (Atlanta, GA, U.S.A.) .. 59– 80

Phase behavior of reservoir fluids II: supercritical carbon dioxide and bitumen fractions
S.H. Huang and M. Radosz (Annandale, NJ, U.S.A.) 81– 98

Measurement and representation of ternary vapour–liquid–liquid equilibria
M. Connemann, J. Gaube, L. Karrer, A. Pfennig and U. Reuter (Darmstadt, F.R.G.) 99–118

Liquid–liquid–vapor phase equilibrium behavior of certain binary nitrous oxide + n-alkanol mixtures
D.H. Lam, A. Jangkamolkulchai and K.D. Luks (Tulsa, OK, U.S.A.) 119–130

Liquid–liquid–vapor phase equilibrium behavior of certain binary carbon dioxide + n-alkanol mixtures
D.H. Lam, A. Jangkamolkulchai and K.D. Luks (Tulsa, OK, U.S.A.) 131–141

Experimental and molecular-dynamics simulated excess enthalpies and solubilities of neopentane in supercritical carbon dioxide
R.L. Rowley, J.L. Oscarson, N.F. Giles, W.K. Tolley and R.M. Izatt (Provo, UT, U.S.A.) 143–156

Apparent molar volumes of organic acids and salts in water at 298.15 K
A. Apelblat and E. Manzurola (Beer Sheva, Israel) 157–171

Vapor–liquid phase equilibria and molar volumes of the butadiene–acetonitrile system from 300 to 335 K
D.G. Laird and C.S. Howat (Lawrence, KS, U.S.A.) 173–190

Acoustical determination of ideal gas heat capacities of three C-8 compounds
S.O. Colgate, A. Sivaraman and K. Reed (Gainesville, FL, U.S.A.) 191–203

Total vapour pressures for binary liquid mixtures of acetone with tetrachloroethylene, trichloroethylene, methylene chloride, 1,2-dichloroethane and cyclohexane at 273.15 K
J. Nath and A.P. Dixit (Gorakhpur, India) 205–212

Short Communication
A modified Huron–Vidal mixing rule for cubic equations of state
M.L. Michelsen (Lyngby, Denmark) 213–219

Volume 60, No. 3

Equations of state for pure and mixture square-well fluids. II. Equations of state
M.-X. Guo, W.-C. Wang and H.-Z. Lu (Beijing, China) 221–237
Representation of pure fluid coexistence curves by series expansion
J.M. Kincaid, B. Tooker and G. Stell (New York, U.S.A.) 239–260
On the application of cubic equations of state to synthetic high-pressure VLE measurements
G. Soave (San Donato Milanese, Italy) and M. Fermeglia (Trieste, Italy) 261–271
Equation of state of aqueous NaCl solutions over a wide range of temperatures, pressures and concentrations
S.N. Lvov and R.H. Wood (Newark, DE, U.S.A.) 273–287
Excess molar volumes of binary mixtures of γ-butyrolactone and a glycol at 303.15 K
S.F. Al-Azzawi and A.M. Awwad (Baghdad, Iraq) 289–293
PVTx relationships and solid–liquid equilibria for the *m*-xylene–*p*-xylene system under high pressures
C. Yokoyama, S. Moriya and S. Takahashi (Sendai, Japan) 295–308
Vapor–liquid equilibrium for phenanthrene–toluene mixtures at elevated temperatures and pressures
K.W. Hutchenson, J.R. Roebers and M.C. Thies (Clemson, SC, U.S.A.) 309–317
Excess volumes of binary mixtures of anisole with bromobenzene, *o*-dichlorobenzene, *o*-chloroaniline and *p*-dioxane at 298.15, 303.15, 308.15 and 313.15 K
S.S. Joshi and T.M. Aminabhavi (Dharwad, India) 319–326

Short Communication
On a temperature dependence of the van der Waals volume parameter in cubic equations of state
L. Hnědkovský and I. Cibulka (Prague, Czechoslovakia) 327–332

Author Index 333

Contents of Volume 60 (1990) 335–336